



35' Electric Bus

## Technical Summary

### xcelSior CHARGE™ 35ft

#### MEASUREMENTS

Length	36' 3" (11.05m) including bumpers
Roof Height	11' 1" (3.3m)
Step Height	14" (356mm)
Front Step Height Kneeled	10" (254mm)
Interior Height - Floor to Ceiling	79" (2m) over front and rear axle; 95" (2.4m) mid-coach
Tire Size	305/70R22.5
Aisle Width	22" - 24"
Wheel Base	226.75" (5.8m)

#### PROPULSION

Transmission	None - Direct Drive
Propulsion System	Siemens PEM 1DB2022 - Electric Drive
Range	Up to 309 km/charge (192 miles) (based on a 400 kWh battery) <sup>1</sup>
Alternator	Vanner EBA

#### ACCESSIBILITY

Passenger Doors	1 Ventura slide glide 1 medium Ventura sliding plug door, 33.6" clear opening
Wheelchair Accessibility	660lb (299kg), 32" (813mm) wide, 1:6 slope Electric Flatlander ramp, front door
Wheelchair Positions	2

#### CLEARANCES

Approach/Breakover Angles/Departure	9°/9°/12°
-------------------------------------	-----------

#### TURNING RADIUS

Turning radius (body, with aluminum wheels)	39' (11.9m)
---	-------------

<sup>1</sup>Based on Xalt HE 70-75 Ah NMC battery technology.

<sup>2</sup>Actual passenger capacity depends on seating layout, number of doors and axle ratings.

### xcelSior CHARGE™ 35ft

#### CAPACITY<sup>2</sup>

Seats	32
Standees	35

#### WEIGHT

Curb Weight	Approx. 28,805 lbs
GVWR   Front GAWR   Rear GAWR	Approx. 44,004 lbs   15,520 lbs   28,484 lbs

#### MAIN COMPONENTS

Flooring	Lower deck - NT ACQ plywood, Upper deck - Composite step & floor Rear - NT DB ACQ plywood
Electrical System	Vansco Instrument Panel Cluster with LCD touch display screen
Cooling System	EMP Radiator cooler
Energy Storage System (ESS)	XALT   100-454 kWh li-ion   Base model: 200 kWh   This model: 400 kWh
Battery Management System	Vanner equalizer w/Low Voltage Disconnect, temperature & current sensors to optimize battery life
HVAC	Thermo King TE15 rear A/C unit
Infotainment System	1 Clever Devices Ultra-wide Infotainment monitor

#### FEATURES

Destination Sign	Rear route sign with backup camera
Video Surveillance	UTC, 8 cameras (6 interior, 2 exterior)
Additional Safety	Turn annunciator system
USB Chargers	Available at each seat location



This New Flyer XcelSior CHARGE™ electric bus is manufactured to meet or exceed all US regulations including FMVSS, ADA and Buy America regulations and is supported by New Flyer's 3,100+ US-based employees.